

ABSTRACT

Method and electronic control system using a unique driver demand (calibration) table stored in system memory to provide torque output values specific to a 4X4 mode of operation of the vehicle drive unit. For example, the torque output of the electronic control system for a 4X4 low mode of operation is controlled using a unique calibration table stored in system memory for 4X4 low mode of operation, while the torque output of the electronic control system for other modes of operation is controlled using one or more different, other calibration tables stored in system memory.